



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Thomas S. Scanlan, Matthew E. Hart,

David K. Grandy, James R. Bunzow,

Mononori Miyakawa, Edwin Saavedra

Tan and Katherine L. Suchland

Confirmation No.: 8599

Application No.: 10/825,881

Group Art Unit: 1621

Filing Date: April 16, 2004

Examiner: Brian J. Davis

**For: THYRONAMINE DERIVATIVES AND ANALOGS AND METHODS OF USE
THEREOF**

DATE OF DEPOSIT: May 17, 2007

I HEREBY CERTIFY THAT THIS PAPER IS BEING
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TYPED NAME: Phillip A. Singer
REGISTRATION NO.: 40,176

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☐ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.
- ☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:
- ☐ Certification in Accordance with § 1.97(e) is attached; or
- ☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.
- ☒ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).
- ☒ Copies of reference numbers 69 - 89 listed on the attached Form PTO-1449 are enclosed herewith.
- ☐ Copies of reference numbers - on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).
- ☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and

Trademark Office in patent application number , filed for
which a claim for priority under 35 U.S.C. § 120 has been made in the
instant application.


☐ The relevance of those listed references which are not in the English language is as follows:

An English language abstract has been submitted with reference 69. There are no other listed references which are not in the English language.

The attached references identified on the 1449 form were cited in the Supplementary Partial European Search Report dated March 22, 2007 that was received in the corresponding European application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Date: May 17, 2007


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BUCKET NO.: UCSF-0004 / UC 2003-C14-2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor Application of:

Thomas S. Scanlan, Matthew E. Hart,

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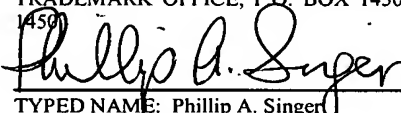
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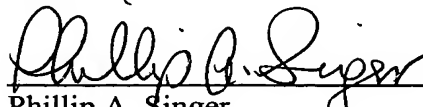
Dear Sir:

CERTIFICATION UNDER 37 CFR § 1.97(e)

In accordance with 37 CFR § 1.97(e), certification is hereby made that:

- ☒ Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

Date: May 17, 2007


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Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. UCSF-0004 / UC 2003-C14-2	Application No. 10/825,881
	Applicant Thomas S. Scanlan, Matthew E. Hart, David K. Grandy, James R. Bunzow, Mononori Miyakawa, Edwin Saavedra Tan and Katherine L. Suchland	
	Filing Date April 16, 2004	Group 1621
		Confirmation No. 8599

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	69	JP 11-302235	11/02/99	JP	Abstract Only	
	70	WO 90/14334	11/29/90	PCT		
	71	WO 03/106380	12/24/03	PCT		
	72	WO 04/020415	03/11/04	PCT		

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NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	73	Barnes, J.H. et al., "Synthesis of throxine and related substances, XII, Preparation of simple analogs of thyroxine," <i>Journal of the Chemical Society</i> , 1953, Database CA [online], <i>Accession No. 1954:24942</i> , abstract, 1 page	
	74	Barton, D.H.R. et al., "The biosynthesis of Amaryllidaceae alkaloids," <i>Proc. Chem. Soc.</i> , 1961, Database CA [online], <i>Accession No. 1961:137639</i> , abstract, 1 page	
	75	Bhakuni, D.S. et al., "Synthesis of (.+-.)-scoulerine, (.+-.)-coreximine, (.+-.)-tetrahydropalmatine and their monobromo and dibromo derivatives," <i>Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry</i> , 1983, Database CA [online], <i>Accession No. 1983:488435, 22B(1)</i> , abstract, 1 page	
	76	Bompart, Jaques et al., "Synthesis of new .beta.-blocking analogs of bevantolol," <i>Annales oPharmaceutiques Francaises</i> , 1985, Database CA [online], <i>Accession No. 1985:215069 42(5)</i> , abstract, 1 page	
	77	Chen, Chi-Ming et al., "Synthesis of (.+-.)-annonelliptine and (.+-.)-anomoline," <i>Journal of Natural Products</i> , 1995, Database CA [online], <i>Accession No. 1996:52130, 58(11)</i> , abstract, 1 page	
	78	Davis, Bruce, "crown ether-catalyzed deuterium exchange in the synthesis of benzyl cyanides," <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1987, Database CA [online], <i>Accession No. 1987:575570, 24(2)</i> , abstract, 1 page	
	79	Funke, A. et al., "Preparation of several series of amine derivatives of diphenyl ethers," <i>Bulletin de la Societe Chimique de France</i> , 1951, Database [online], <i>Accession No. 1953:25301</i> , abstract, 1 page	
	80	Horvath, Dragos, "A Virtual Screening Approach Applied to the Search for Trypanothione Reductase Inhibitors," <i>J. Med. Chem.</i> , 1997, 40, 2412-2423	
	81	Il'yuchenok, I. Yu. et al., "Radioprotective and pharmacological properties of some phenylethylamine derivatives," 1976, Database CA [online], <i>Accession No. 1977:218, 39(5)</i> , abstract, 1 page	
	82	Kametani, Tetsuji et al., "Syntheses of heterocyclic compounds, CCCLXXXVI, Alternative total syntheses of galanthamine and N-benzylgalanthamine iodide," <i>Journal of the Chemical Society</i> , 1971, Database CA [online], <i>Accession No. 1971:406156, 6</i> , abstract, 1 page	

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	83 Kametani, Tetsuji et al., "Studies on the Syntheses of heterocyclic compounds. CCCXV. Modified total synthesis of (=)-galanthamine through phenol oxidation," <i>Journal of the Chemical Society</i> , 1969 , Database CA [online], <i>Accession No. 1970:21811, section C (18)</i> , abstract, 1 page	
	84 Kim, Jin Mi et al., "Preparation of 4-amino-1-benzylpiperidines as antimalarials," <i>WO 01/14331 Regents of University of California</i> , 2001 , Database CA [online], <i>Accession No. 2001:152643</i> , abstract, 2 pages	
	85 Kukovinets, O.S. et al., "Synthesis of fenoxycarb, a highly active juvenoid and its analog," <i>Bashikirskii Khimicheskii Zhurnal</i> , 1995 , Database CA [online], <i>Accession No. 1996:246214, 2(1)</i> , abstract, 1 page	
	86 Lu, Rong Jian et al., "Detritylation with ytterbium triflate," <i>Tetrahedron Letters</i> , 2000 , Database CA [online], <i>Accession No. 2000:303504, 41(16)</i> , abstract, 1 page	
	87 Slotta, K.H. et al., "Synthesis of thyroxine-like substances from diphenyl ether," <i>Berichte der Deutschen Chemischen Gesellschaft [Abteilung] B: Abhandlungen</i> , 1936 , Database CA [online], <i>Accession No. 1936:34165, 65(B)</i> , abstract, 1 page	
	88 Suzuki, Toshikazu et al., "Metabolism of a new cardiotonic agent, (-)-.alpha.-(3,4-dimethoxyphenethylaminomethyl)-4-hydroxybenzyl alcohol (TA-064), in man. O-Dimethylation and ring hydroxylation," <i>Drug Metabolism and Disposition</i> , 1983 , Database CA [online], <i>Accession No. 1983:515496, 11(4)</i> , abstract, 1 page	
	89 Supplementary Partial European Search Report, 11 pages, dated March 22, 2003	

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